



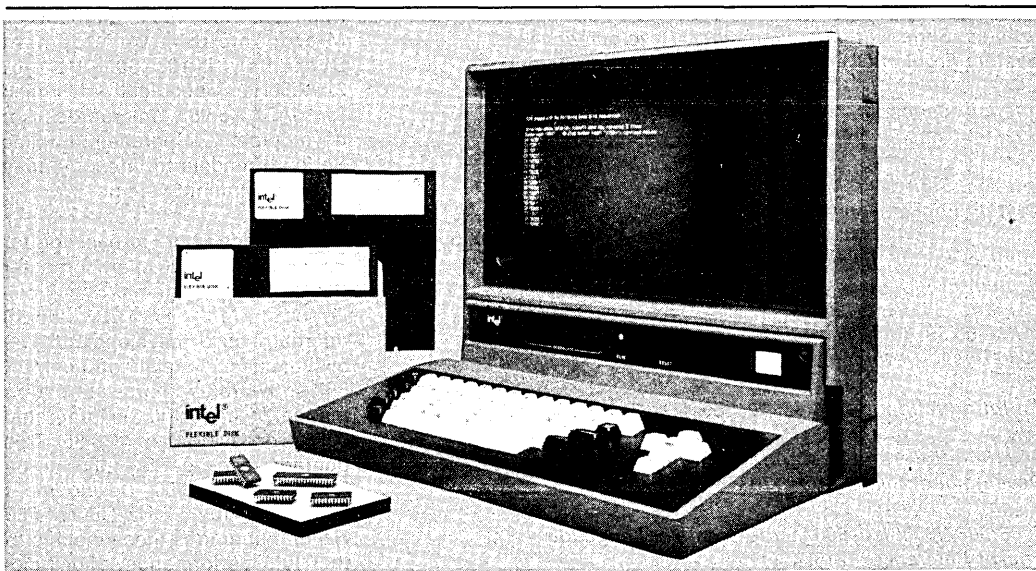
IMDX-511 ENHANCED HUMAN INTERFACE

- **Command Line Recall/Command Line Edit** permits rapid entry of repetitive command sequences and aids in the correction of errors.
- **Auto Repeat Function** provides single key character repeat.
- **Scrolling and Paging** improve file viewing, making information easy to find.
- **Batch Job Capabilities** allow more efficient system utilization.
- **Soft Keys** for frequently used ISIS commands reduce keystrokes and increase productivity.
- **Customizable soft keys** invoke user-programmed command sequences.
- **Keyboard Help** reminds the user of commands and the associated soft keys.
- **Enhanced CRT Interface** provides direct cursor addressing and block write to the screen.

User productivity is a major element in the development of microprocessor designs. These enhancements provide a more useable system requiring fewer keystrokes to complete the usual development sequence. The system guides the user to the correct command, helps minimize the typing and allows for easy correction/changes to repetitive command sequences.

KEYBOARD FEATURES

The keyboard interface has been improved to allow fewer keystrokes and easier key manipulation. The basic function of the repeat key (RPT) has been changed. A given character will continually repeat one half second after its key is depressed and held. The new "RPT" key (FUNC) allows automatic command printing in "soft-key fashion." For example, the Intel ISIS operating system requires reference to a physical device (:Fn:). The "FUNC" key plus a given number key will produce ":Fn:"; where n is the number depressed. Common commands such as DIR, COPY, and command syntax elements, such as space TO space, can be selected by pressing the "FUNC" key and a specified character. Ten customizable keys invoke user-programmed JOB files, allowing single keystroke access to complex command sequences.



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KEYS DEPRESSED

FUNC	+	"1"	=
FUNC	+	"A"	=
FUNC	+	"C"	=
FUNC	+	"D"	=
FUNC	+	"E"	=
FUNC	+	"H"	=
FUNC	+	"I"	=
FUNC	+	"J"	=
FUNC	+	"K"	=
FUNC	+	"L"	=
FUNC	+	"M"	=
FUNC	+	"N"	=
FUNC	+	"O"	=
FUNC	+	"P"	=
FUNC	+	"R"	=
FUNC	+	"S"	=
FUNC	+	"T"	=
FUNC	+	"U"	=
FUNC	+	"X"	=
FUNC	+	SHIFT + "1"	=

RESULT

:F1:
AEDIT
COPY
DIR
CREDIT
HELP MENU
ATTRIB
JOB
DELETE
:LP:
LOGON
ASSIGN
LOGOFF
:SP:
RUN
SUBMIT
TO
ACCESS
EXPORT
/JOB1 "CR"

"ESC") allows the user to redisplay the last entered command, for correction or update. This eliminates the need to reenter commands with similar content.

Viewing the contents of files is more flexible. Entire screens of text will be displayed for the user to review. A keystroke will cause the next complete page of text to be printed on the screen. File contents can be scrolled on the screen as well. The scrolling speed can be selected, fast, slow, or line by line, by a keystroke.

Several commands can be staged and executed in "BATCH" fashion. That is, all the commands can be entered before any is executed.

Frequently used single line command strings can be stored and passed a parameter for execution.

Example:

```
.L MYJOB
```

Executes the pseudo SUBMIT file L.CSD which contains:

```
RUN LINK86 %O.PAS,CEL.LIB,P86RNO.LIB etc.
```

Output from program execution can be directed to a file for future reference.

KEYBOARD HELP

A HELP facility is available that indicates the appropriate soft key to get a particular command element.

COMMAND LINE INTERPRETER (CLI)

The CLI has been enhanced to provide edit capability. Typed command strings do not have to be cancelled and/or retyped. Depressing "ESC" and repositioning the cursor allows user to add or delete command line characters as necessary. Command line recall (depressing

VIDEO DISPLAY

The new CRT screen handler which provides direct cursor addressing makes available many graphic capabilities of the 8275. User-written procedures allow the use of reverse video, blinking and underscore of characters on the screen.

SPECIFICATIONS

Hardware Provided

- 4 ea. 2716
- 1 ea. 8741A
- 1 ea. Single Density Diskette
- 1 ea. Double Density Diskette
- 1 Key Cap

Software Provided

ISIS-II

Software Supported

ISIS-II (W)
ISIS-III (N)

Hardware Required

Intellec Series II/80 or Series II/85 Development System
(Model 220, 225, 230, 235, or 286)

ORDERING INFORMATION

IMDX 511 Series II Human Interface Enhancement package. This package contains 4 EPROMs, 1 microcontroller, and software to provide the Intellec Development System with soft keys, command line edit/recall, enhanced text viewing and other improved human interface features. (Shipping weight 3 lbs.)